

Buckinghamshire County Council

---

ANNUAL REPORT

OF THE

Medical Officer of Health

for the Year 1941



Buckinghamshire County Council

---

# ANNUAL REPORT

OF THE

Medical Officer of Health

for the Year 1941

## TABLE OF CONTENTS.

---

	<b>Page</b>
<b>Section A.—Statistics and Social Conditions.</b>	
General Statistics for the year ... ... ... ... ...	6
Vital Statistics ... ... ... ... ...	6
<b>Section B.—General Provision of Health Services.</b>	
(i) Laboratory facilities ... ... ... ... ...	7
(ii) Ambulance facilities ... ... ... ... ...	7
(iii) Hospital facilities ... ... ... ... ...	7
(iv) Public Assistance Institutions ... ... ... ...	7
(v) Mental Deficiency ... ... ... ...	7
(vi) Welfare of the Blind ... ... ... ...	8
(vii) Maternity and Child Welfare ... ... ... ...	9
(viii) War-Time Nurseries ... ... ... ...	12
<b>Section C.—Sanitary Circumstances of the Area.</b>	
(i) Water Supply ... ... ... ...	12
(ii) Drainage and Sewerage ... ... ... ...	12
(iii) Housing ... ... ... ...	12
<b>Section D.—Inspection and Supervision of Food.</b>	
(i) Food and Drugs ... ... ... ...	12
(ii) Milk and Drugs Acts and Orders ... ... ... ...	13
<b>Section E.—Prevalence of, and control over, Infectious and Other Diseases.</b>	
(i) Infectious Diseases ... ... ... ...	14
(ii) Vaccination ... ... ... ...	14
(iii) Diphtheria Immunisation ... ... ... ...	14
(iv) Cancer ... ... ... ...	15
(v) Venereal Diseases ... ... ... ...	15
(vi) Tuberculosis ... ... ... ...	15
<b>Section F.—Statistical Tables, etc.</b>	
(a) List of Sanitary Authorities in the County ... ... ...	17
(b) List of Registered Nursing Homes in the County ... ...	18
(c) List of Infant Welfare Centres in the County ... ...	20
(d) Birth and Death Rates, and Infant Mortality Rates, 1940-41	22
(e) Comparative Table of Birth, Death and Infant Mortality Rates for 10 year period 1932-41 ... ... ... ...	23
(f) Notifications of Infectious Diseases in Urban and Rural Districts, 1941 ... ... ... ...	24
(g) Causes of Death at Different Periods of Life in the County of Buckingham, 1941 ... ...	At end of Report
(h) Return—Diphtheria Immunisation for the year 1941 ... ... ... ...	At end of Report

**PUBLIC HEALTH OFFICERS OF THE AUTHORITY.**

---

**(a) Whole-time Officers of the County Council:—**

*County Medical Officer of Health:*

G. W. H. TOWNSEND, M.B., M.R.C.S., D.P.H.

*Deputy:*

G. H. GIBSON, M.B., CH.B., D.P.H.

*Assistants:*

W. DODD, M.D., CH.B., M.R.C.P.

A. M. ROBERTSON, M.B., CH.B., D.P.H.

R. C. GUBBINS, M.B., CH.B., D.P.H. (res. 17.8.41.)

T. P. EVANS, M.R.C.S., L.R.C.P., D.P.H. (app. 18.8.41.)

(Also M.O.H. Urban Districts of Beaconsfield and Chesham).

\*A. M. CRITCHLEY, M.D., CH.B., D.P.H.

(Also M.O.H. Borough of Buckingham and Urban District of Bletchley).

J. T. C. SIMS-ROBERTS, M.B., CH.B., D.P.H. (Barrister-at-Law).

(Also M.O.H. Borough and Rural District of Aylesbury).

(\*Serving with H.M. Forces, Sept., 1939.)

*Tuberculosis Officer:*

L. T. BURRA, M.D., M.R.C.S., L.R.C.P.

*Mental Deficiency Officer:*

H. V. ADAMS.

*Senior Dental Surgeon:*

E. KEW, L.D.S.

*Supervisor of Midwives:*

MISS M. F. WEBB.

*Assistant Supervisor of Midwives:*

MISS D. E. BLACKMORE.

*Supervisor of Infant Welfare Centres:*

MRS. G. W. TURNBULL.

*County Council Nurses:*

MISS F. ROSE.	MISS A. PLANT.
MISS T. STUBBS.	MISS H. M. LYAL.
MISS M. GRIFFIN.	MISS E. A. MEAKINS.
MISS M. BURDETT.	MISS L. S. RAWLINS.
MISS D. TANTON.	MISS G. E. DOUBLEDAY.
MISS A. M. HIRST (res. 30.9.41.)	MISS A. E. BOLTON (app. 3.11.41.)

*Home Teachers of the Blind:*

MISS E. R. BRAIN. MISS A. HAMILTON. MISS K. RUTLEDGE.

*Clerical Staff:*

H. H. YEA, Chief Clerk.

H. BENTLEY.	MR. L. HOWARD*.
MISS M. POLLARD.	MR. D. CAUDREY*.
MISS M. BALDWIN.	MISS B. JENKS.
MISS B. M. SYRETT.	MISS E. LANE (res. 5.4.41.)
MISS E. DEAN (res. 22.5.41.)	MR. A. GAUSDEN*.
MR. P. J. CLARKE*.	MR. D. KEEN (res. 22.3.41.)
MR. A. NORTH*.	MR. W. MAYS (app. 17.3.41.)
MR. F. J. MITCHELL.	

\*Serving with H.M. Forces.

(b) **Part-time Officers of the Authority and others discharging duties for the Authority:—***Medical Officers—Maternity and Child Welfare:*

DR. N. L. LEVERKUS, M.D., B.Sc.

DR. EVELYN SUMMERS, M.B., CH.B.

DR. VICTORIA SMALLPEICE, M.D.

*Consulting Obstetricians:*

C. B. BAXTER, O.B.E., M.D., CH.B.

V. J. F. LACK, F.R.C.P., F.R.C.S., F.C.O.G.

D. M. W. MAXWELL, B.A., M.B., CH.B.

F. W. G. NASH, F.R.C.S., M.C.O.G.

A. R. WATSON, M.B., CH.B.

*Public Analyst:*

MR. ERIO VOELCKER, F.I.C., A.R.C.S.

*Bacteriologist:*

DR. A. G. R. MATTICK, National Institute for Research in Dairying.

*Chief Inspector Weights and Measures:*

T. H. JENKS.

*Temporary War Time Appointments:*

DR. R. Y. STONES, Asst. Medical Officer (North Bucks) (res. 12.5.41.)

DR. J. C. RONALDSON (app. 27.5.41.)

DR. H. SIMMONS, Asst. Medical Officer (app. 5.5.41.)

DR. MARJORIE NORRIS, War Time Nurseries.

Mr. Chairman, Ladies and Gentlemen,

I have the honour to present to you my report on the health and sanitary circumstances of the County for the year 1941.

It is unfortunate that for various reasons the report has had to be further reduced in size. It is now little more than a collection of figures and statistics gathered together and presented in this form to secure continuity of these records.

On the whole, and particularly in consideration of the fact that the report deals with part of the second winter of the war, the vital statistics are satisfactory, the only significantly unsatisfactory figure being that of maternal mortality.

In introducing this report I must pay tribute to the staff of the department, who have had a very difficult and trying year. Not only has the routine work increased, and the new work consequent on war conditions remained, but further additional work has been undertaken. War-time nurseries and clothing coupons for expectant mothers are worthy of mention in this respect.

The medical and nursing staff have also worked with their usual loyalty and cheerfulness in their own spheres.

I have the honour to be,

Your obedient Servant,

**G. W. H. TOWNSEND,**  
County Medical Officer.

County Health Department,

County Offices,

Aylesbury.

## SECTION A.—GENERAL STATISTICS FOR THE COUNTY.

Area of the County—479,360 acres.

### Populations:—

Registrar-General's figure for 1941 .....	407,200
1931 Census .....	271,565
No. of inhabited houses (1931) .....	68,994
No. of families or separate occupiers (Census, 1931) .....	71,013
Rateable value (1st April, 1941) .....	£2,495,524
Sum represented by a penny ratio .....	£9,714

	1940			1941		
Births—	M.	F.	TOTAL.	M.	F.	TOTAL.
Legitimate .....	2,406	2,218	4,624	2,375	2,273	4,648
Illegitimate .....	89	80	169	139	117	256
Total .....	2,495	2,298	4,793	2,514	2,390	4,904

Birth-rate—	1940	1941
Urban Districts (per 1,000) .....	14.0	12.5
Rural Districts .....	12.4	11.5
County .....	13.2	12.04
England and Wales .....	14.6	14.2
Still-births (rate per 1,000 total births) .....	32.9	28.3

### Deaths from all causes—

Urban Districts .....	1,986	Death-rate ....	11.1	9.6
Rural Districts .....	2,206	Death-rate ....	12.1	10.9
Total for County .....	4,192	Death-rate ..	11.5	10.3
England and Wales .....		Death-rate ....	14.3	12.9

### Infant Mortality Rate—

Urban Districts (per 1,000 births) .....	48.5	38.9
Rural Districts .....	43.7	42.9
County .....	48.5	45.0
England and Wales .....	55.0	59.0

The Infant Mortality Rate among illegitimate children in the County for 1941 was 63.3 as compared with 60.1 in 1940.

No. of women dying in, or in consequence of child-birth	{	from sepsis .....	6	4
		from other causes	7	17

### Deaths from—

Measles .....	6	7
Whooping Cough .....	0	28

### Principal cause of death:—

Heart Disease .....	954	958
Cancer .....	572	618
Bronchitis .....	308	236
Pneumonia .....	229	253
Influenza .....	68	74

Tuberculosis—Pulmonary .....	114	146	192	{ 155
Other forms .....	32			

Total deaths from all causes .....	4,190	4,192
	=====	=====

## SECTION B.—GENERAL PROVISION OF HEALTH SERVICES.

### (i) LABORATORY FACILITIES.

There has been no important change in the laboratory arrangements during the year, details of which were set out in the Report for 1940.

### (ii) AMBULANCE FACILITIES.

The transport facilities referred to in the last Annual Report have remained substantially the same. In certain instances the W.V.S. organisation has co-operated in this service.

### (iii) HOSPITAL FACILITIES.

Increased use has been made by the general population of the facilities provided by the E.M.S. hospitals administered by the Council at Aylesbury, Amersham and Slough. The Regional Hospital Council has become an established fact, and have an ambitious programme in front of them. It is too early yet to comment on the work of this body, but it is clear an organisation such as this has immense potentialities for good or evil. The Regional Hospital Council asked the County Council for a grant and the County Council contributed the product of a 3d. rate, i.e., £7,576.

### (iv) PUBLIC ASSISTANCE INSTITUTIONS

The following statement shows the number of sick persons chargeable to the County through the Public Assistance Committee on 31st March, 1942:—

	Men.	Women.	Children.	Total.
In County Institutions .....	236 (243)	301 (291)	56 (31)	593 (565)
In Institutions outside the County .....	1 (2)	— (1)	—	1 (3)
Relieved in Special Institutions .....	14 (18)	32 (31)	5 (5)	51 (54)
Persons of unsound mind maintained in Mental Hospitals .....	336 (348)	448 (436)	—	784 (784)
In receipt of outdoor medical relief .....	—	—	—	2977 (133)

The figures in brackets indicate the numbers on the same date in the previous year.

### (v) MENTAL DEFICIENCY.

**County Institutions.**—There has been no significant change in the arrangements as set out in the report for last year.

**Non-County Institutions.**—Cases maintained in non-county institutions again shew a slight increase, the number being 66 as against 62 for the previous year.

Twelve deaths occurred during the year among the certified patients.

Five patients, one male and four female, were discharged from their orders of detention.

The following table shows the number of cases on the register on 31st December, 1941:—

	Male.	Female.	Total.
In certified institutions .....	168	213	381
On licence from institutions .....	12	16	28
Under Guardianship Orders .....	30	41	71
Under Statutory Supervision .....	99	82	181
Under Voluntary Supervision ...	66	55	121
Under Supervision on behalf of the Education Committee ...	37	27	64
Children in Special Schools .....	21	8	29
Public Assistance cases in re- ceipt of Indoor Relief .....	5	5	10
Outdoor Relief .....	12	14	26
In County Mental Hospital .....	52	35	87
Reported from reliable sources but no action yet taken .....	12	17	29
	514	513	1,027

The Bucks Voluntary Association for the Care of the Mentally Defective continues to assist in the supervision of all known cases of mental defect living in their homes, the visitors' reports being submitted quarterly and carefully checked by the appropriate Committees.

Home training is also arranged in certain cases and 27 defectives were regularly receiving tuition by nine part-time home teachers.

Much progress was made during the year in regard to establishing an occupation centre at Slough, which was eventually opened in February, 1942. This Centre has made a very satisfactory beginning and at the time of writing the names of twenty-one children are on the register. It is encouraging to record that they attend with regularity and enthusiasm.

#### (vi) WELFARE OF THE BLIND

The arrangements for the relief of the Blind on behalf of the County Council by the Bucks Association for the Blind continue to work satisfactorily.

In the financial year ended 31st March, 1942, domiciliary grants paid to necessitous blind persons amounted to £5,120 2s. 0d.

From the Annual Report of the Association for the year ended 31st March, 1942, the following extracts are made:—

The number of registered blind persons shows a slight decrease. On March 31st, 1942, there were 393 registered blind in the County, as compared with 399 in the previous year. The great majority are over middle age—300 being over the age of 50 years.

The ages of the blind population are shown in the following table:—

Under 1 year .....	—	50—65 years .....	88
1—5 years .....	—	65—70 years .....	49
5—16 years .....	12	Over 70 years .....	163
16—21 years .....	7		
21—40 years .....	38		393
40—50 years .....	36		

311 persons are classed as "unemployable." These are principally elderly people, but there are 51 who have serious mental or physical disability which prevents them from working, as shown below:—

Mentally defective .....	18
Physically defective .....	19
Dcaf, including 1 deaf-mute .....	14

Four persons are in homes for the blind, 4 in mental hospitals, and 15 in public assistance institutions.

The approved Home Workers numbered 25 at the end of March, 1942. These Home Workers continue under the general supervision of the Royal London Society for Teaching and Training the Blind, and the Home Teachers also help by arranging sales of work.

In all, 52 blind persons are usefully employed, and six are under training. The employments followed are:—

Basket makers .....	13	Farmers and poultry farmers	3
Boot repairers .....	5	Teachers .....	1
Agents and shopkeepers .....	3	Tuners .....	5
Knitters (hand and machine)	11	Telephonists .....	1
Music teacher .....	1	Miscellaneous .....	9

The Association continues to co-operate with the British Wireless for the Blind Fund, and assists in the maintenance of the sets. During the year £91 4s. 7d. was expended in providing new batteries, and for repairs and replacements of parts.

The Home Teachers carry out the duties of giving instruction in the homes of blind persons in Braille, Moon and several handicrafts. The total number of visits paid was 5,872, this number including 1,146 visits to evacuated blind persons.

#### (vii) MATERNITY AND CHILD WELFARE.

This section of the Report, in so far as it deals with the midwifery services and registered nursing homes, refers to the whole administrative County. The Borough of High Wycombe is a separate Maternity and Child Welfare Authority, and details of its child welfare work will be included in the Report of the Medical Officer of the Borough.

(a) **Midwifery Services.**—The number of midwives who notified their intention to practice was 180. Of this number, 142 were domiciliary midwives, 34 institutional, and 4 acted in a temporary capacity.

The number of cases attended by midwives was as follows:—

	1941.	1940.
Cases attended as midwives .....	2,117	1,952
Cases attended as maternity nurses .....	2,107	1,713

In accordance with the rules of the Central Midwives Board, notifications were received from midwives during the year, as follows:—

Notices of sending for medical aid ...	920	(779 mothers). (141 infants).
Still births .....	36	
Deaths of mothers .....	3	
Deaths of infants .....	31	

During the year the Supervisor of Midwives made 482 visits of inspection to midwives.

The following is a summary of work carried out during the year in connection with the Evacuation Scheme:—

Number of cases attended by Midwives alone .....	781
Number of cases attended by Midwives with doctor .....	824
Number of notifications of sending for medical aid .....	126
Number of notifications of still-birth .....	—
Number of notifications of deaths of infants .....	—
Number of visits and inspections by Supervisor of Midwives .....	32

(b) **Registered Nursing Homes.**—The County Council exercises the powers under the Public Health Act, 1936, over the whole County, and has not delegated its powers to any District Council.

The following particulars are given of action taken during 1941:—

1. No. of applications for registration .....	4
2. No. of homes registered .....	3
3. No. of orders made refusing or cancelling registration .....	1
4. No. of appeals made against such orders .....	—
5. No. of cases in which such orders have been	
(a) confirmed on appeal, and .....	—
(b) withdrawn .....	—
(c) refused .....	—

A list of Registered Nursing Homes in the County is set out in Section F (b) of this Report.

(c) **Infant Welfare Centres.**—The following table shows the attendances at the 60 infant welfare centres during the year. The figures in brackets relate to the year 1940:—

	Evacuation Scheme	
(i) No. of times Centres opened ...	1,533	(1,593)
(ii) No. of children under 1 year who attended at least once...	5,670	(9,572)
(iii) No. of children between 1-5 years who attended at least once .....	6,948	(7,323)
(iv) No. of attendances of children under head (ii) .....	25,847	(29,062)
(v) No. of attendances of children under head (iii) .....	21,155	(22,261)
(vi) No. of mothers who attended at least once .....	10,473	(12,654)
(vii) No. of attendances under head (vi) .....	42,318	(45,042)
(viii) No. of expectant mothers who attended at least once .....	374	(421)
(ix) No. of attendances under head (viii) .....	842	(971)
	377	(119)
	1,455	(1,147)
	1,622	(843)
	4,952	(3,119)
	3,795	(1,757)
	2,661	(1,790)
	8,785	(4,127)
	179	(93)
	489	(184)

Appendix (c) at the end of the Report gives details of the Centres.

(d) **Milk Assistance Scheme.**—As indicated in the Report for 1940, the introduction of the Ministry of Health's scheme has resulted in an appreciable reduction of the liquid and dried milks formerly

supplied through the welfare centres. The following table shows the numbers of cases in receipt of free supplies of liquid or dried milks through the County scheme for 1941, and the figures for 1940 and 1939 are quoted for comparison:—

	Liquid.			Dried.		
	1941	1940	1939	1941	1940	1939
(a) Expectant mothers.....	—	74	143	—	10	8
(b) Nursing mothers .....	—	110	237	—	48	19
(c) Children up to 5 years...	—	125	178	1	70	60
No. galls. free liquid milk granted .....	—	5,517½	12,063	—	—	—
No. of pounds free dried granted .....	—	—	—	48	2,338	3,212

(e) **Dental Treatment, Expectant and Nursing Mothers.**—The dental treatment of expectant and nursing mothers and infants up to 5 years of age continued to be carried out by private dental practitioners whose charges for the work are based upon lines similar to the dental benefit provided by approved societies under the National Health Insurance Act.

The following shows the numbers who received treatment:—

	1939	1940	1941
Expectant and Nursing Mothers .....	100	39	48
Infants up to 5 years of age .....	10	4	5

(f) **Health Visiting.**—The County Council employs 11 whole time Health Visitors and by arrangement with Voluntary Nursing Associations is enabled to have the services of 86 District Nurses. During the year arrangements were made to take over the majority of the health visiting in the Slough area from the District Nursing Association, and an additional health visitor was appointed in August for this purpose, as well as to assist in other activities of the Public Health and Housing Committee.

The following table shows the visits paid during 1941:—

	First Visits.	Total Visits.
Expectant Mothers .....	2,302	14,821
Children under 1 year of age .....	3,047	13,973
Children between 1-5 years of age ...	—	23,973

(g) **Maternity Accommodation.**— The following table shows the number of County maternity cases admitted during 1941 to Institutions with whom the County Council have arrangements:—

	No. of Cases Admitted.
Mid Bucks Maternity Home, Aylesbury.....	96
Royal Bucks Hospital, Aylesbury.....	62
Radcliffe Infirmary, Oxford .....	40
County Hospital, Bedford .....	17
Municipal Maternity Home, High Wycombe	20
Maternity Home, Slough .....	21
Barratt Maternity Home, Northampton .....	58
Royal Berkshire Hospital, Reading .....	3
West Herts Hospital, Hemel Hempstead .....	1

(h) **Emergency Maternity Homes.**—There has been no change in the provision of Emergency Maternity Homes during 1941, and the following institutions were in operation:—

1. Shardeloes, Amersham.
2. The Grange, High Wycombe.
3. East End Maternity Hospital, Tyringham.

Ante-natal and Post-natal residences have also been established to operate in conjunction with the Emergency Maternity Homes.

The following is a brief summary of the cases admitted during 1941—  
East End M.

	The Grange. High Wyeonbo.	Home. Tyringham.	Shardeloes, Amersham.
No. of Births:	150	390	693
„ of Admissions:	155	424	716
„ Still-Births:	5 (3.3% of total).	4 (1.025% of total).	19 (2.7% of total).
„ Breech Presentations:	4	3	22 (2.9% of total).
„ Ante-partum haemorrhage:	1	3	4 (.58% of total).
„ Post-partum haemorrhage:	—	11	21 (3% of total).
„ Caesarian section:	—	—	6 (.86% of total).
„ Forceps Deliveries:	4	19	43 (6.2% of total).
„ Twins:	2	2	14 (2% of total).
„ Neo-natal Deaths:	—	6	14 (2% of total).
„ Maternal Deaths:	—	—	—

#### (viii) War-Time Nurseries.

After consideration of the joint Circular 2388 and 1553 from the Ministry of Health and Board of Education by the appropriate Committees of the County Council, it was decided that the administration of War-Time Nurseries could best be carried out by a special Committee composed of members of the two Committees concerned, together with representatives of certain voluntary bodies. This Committee is known as the War-Time Nurseries Committee, and came into being in July, 1941.

### SECTION C.—SANITARY CIRCUMSTANCES OF THE AREA.

(i) Water Supply. (ii) Drainage and Sewerage. (iii) Housing.

(i) Water Supply.—A full statement was given in last year's Report, and it is not proposed to make any further review for the year under consideration.

(ii) Drainage and Sewerage. (iii) Housing.—In view of the conditions prevailing in war-time it is proposed to comment on these questions in later reports.

### SECTION D.—INSPECTION AND SUPERVISION OF FOOD.

(i) Food and Drugs.

The Chief Inspector of Weights and Measures submits the following Report for 1941:—

During the year, 1,073 samples of food and drugs were taken, of which 101 were found to be adulterated or unsatisfactory in other respects.

The number of samples submitted to the Public analyst was 430. Of the remaining 643, 626 consisted of milk samples and 17 of spirit samples tested by the Inspectors in the Department's laboratory. Of the 430 samples sent to the Public Analyst, 104 consisted of milk, 90 suspected of adulteration, while the remaining 34 were the consequential "follow-up" samples, i.e., taken on "appeal to cows" or "in course of delivery."

In addition to the above, 440 informal samples of milk were taken on delivery to schools in accordance with the arrangements for the supervision of the milk under the "Milk in Schools Scheme." Fourteen of these failed to conform to the standard of the Sale of Milk Regulations. Two were found to be seriously adulterated with water, and the vendors were subsequently successfully prosecuted.

Samples of milk and foodstuffs were taken on behalf of the Public Assistance Committee and the various institutions in the County; at the Mental Hospital and Manor House and on behalf of hospitals and London County Council educational establishments.

An enormous increase in offences against the Food and Drugs Act during the year has to be reported and the period was remarkable for the number of substitutes which flooded the market. Out of the shortage of eggs was hatched the first substitute ramp, namely, "egg equivalent," when 1oz. of dyed powder and a little bi-carbonate of soda, selling at 6d. (£896 per ton) was said to be equivalent to six eggs!

Substitutes for sugar, oranges and lemons followed, all of which were sold at high prices, many of them being almost worthless. Unfortunately, too, the adulteration of milk increased, and altogether the Chief Inspector and his staff had an extremely busy year. There were 15 milk prosecutions with penalties amounting to £115 6s. 6d., and 36 other prosecutions, with penalties amounting to £565.

One result of this campaign was that the Ministry of Food took steps to control the sale of food substitutes. This, however, only touches on part of the evil. There are still a great number of false and misleading labels applied to foods which are not sold as substitutes, and the campaign against this form of swindle is still being carried on.

The sale of carbolic disinfectant powder has been given a good deal of attention. Many of these were found to consist of coloured chalk which had been given a smell by the addition of a small quantity of coal tar oil, but possessed no disinfecting properties whatever. Successful action was taken in such cases under the Merchandise Marks Act.

#### (ii) **Food and Drugs Act, Part II. (Milk and Dairies Orders).**

446 samples of milk taken mainly at places of production were submitted for microscopical examination and animal inoculation test, the number of cows involved totalling 7,928. A further 448 similar samples were taken on delivery to schools in connection with the supervision of the Milk in Schools Scheme. As a result of all this sampling, 31 cows were slaughtered under the Tuberculosis Order, while statutory notices were served on the owners of 215 cows suffering from scheduled diseases and whose milk was unfit for human consumption.

The number of producers licensed to use a special designation during the year was 275 (191 "Accredited" and 84 "Tuberculin Tested"). At the close of the year 236 (162 "Accredited" and 74 "Tuberculin Tested") remained in force. Of the remaining 39, 26 licensees relinquished their licences through removal or other causes, and 13 were revoked. 18 licences were suspended for various periods.

876 samples were taken from licensed producers, 258 of which failed to pass the prescribed test. In addition 52 pre-license "check" samples were taken.

The number of complaints from other local authorities was 6, viz., Middlesex County Council 4, Herts County Council 1, and L.C.C. 1. As a result of investigation into these cases, 3 tuberculous cows were subsequently slaughtered.

The total number of cows giving tuberculosis milk slaughtered under the Tuberculosis Order during the year was therefore 34.

## SECTION E.—PREVALENCE OF, AND CONTROL OVER, INFECTIOUS DISEASE.

(i) The table at the end of this Report (Section F(f)) gives the number of cases of infectious diseases notified in urban and rural districts during 1941.

With the exception of a small outbreak of Poliomyelitis at Slough there is little on which to comment. It was fortunate that this outbreak which looked like being quite extensive, subsided rapidly, and the absence of sporadic cases since is remarkable.

### (ii) Vaccination.

The County is divided into 61 vaccination districts in which 48 Public Vaccinators are employed. Public Vaccinators are also appointed for the Council's Public Assistance Institutions.

The Registrar General requires two returns to be submitted to him annually, one in respect of successful primary vaccinations and re-vaccinations performed by Public Vaccinators and Medical Officers of Public Assistance Institutions, and the other in respect of the vaccinations of children whose births were registered in the previous year. These returns are summarised as follows for 1941:—

No. of successful Primary Vaccinations.			No. of successful re-vaccinations of persons who had been successfully vaccinated at some previous time.
Under one year of age.	One year and upwards.	Total.	
775	226	1,001	35

### (iii) Diphtheria Immunisation.

As indicated in the Report for 1940, the Ministry of Health have drawn the attention of local authorities to the importance of diphtheria prophylaxis, and have emphasised the necessity of special efforts being made and sustained to secure the immunisation of as many children as possible in order to meet the increased risks which inevitably arise out of war conditions.

The table (h) in Section F set out at the end of this Report gives an indication of the work carried out during the year by the local authorities in this County. Generally speaking, in most instances good progress has been made, but there appears to be room for improvement in one or two districts.

During 1941 welfare centres have been very active in the matter of immunisation, 3,063 children were fully immunised as compared with 278 in 1940. This number has for the most part been included in the first column of the table referred to above, which shows a total of 4,177 children under 5 years of age who have received a full course of immunisation.

(v) **Cancer.**

The Council have not yet provided any special facilities in the County for the treatment of cancer, neither have they entered into any agreement with other local authorities or voluntary bodies for this purpose.

(vi) **Venereal Diseases.**

For the treatment of venereal diseases the Bucks County Council is a participating authority in the London and Home Counties Scheme and has the advantages of the facilities provided at the clinics of 19 large general and special hospitals in London.

In addition, excellent facilities are provided by arrangement with the General Hospital, Northampton, and the Radcliffe Infirmary, Oxford.

The following table shows the work carried out during 1941:—

	London.	Northants.	Oxford.			
	1941.	1940.	1941.	1940.	1941.	1940.
No. of new patients .....	144	125	19	30	24	28
Total no. of attendances .....	1,943	2,010	327	317	492	266
Total no. of in-patient days .....	449	456	—	21	12	—
<b>Pathological Specimens:—</b>						
At Centres—						
Detection of Spirochaetes .....	14	3	7	2	—	—
" " Gonococci .....	686	612	38	44	38	27
" " Wasserman Reaction	289	251	32	46	42	33
Others .....	288	326	2	2	8	4
For practitioners—						
Detection of Spirochaetes .....	—	—	—	—	—	—
" " Gonococci .....	14	8	—	—	—	—
" " Wasserman Reaction	85*	98*	—	—	—	—
Others .....	83	100	—	—	—	—

\* Includes 75 specimens sent up for examination to St. Thomas's Hospital from the County Health Department. ...

(vii) **Tuberculosis.**

Deaths from tuberculosis in 1941 numbered 192, as compared with 146 in 1940.

**Notification.** 149 notifications of pulmonary and 55 non-pulmonary tuberculosis were received.

In connection with treatment by artificial pneumothorax X-Ray examinations are now considered essential, so that for the diagnosis of doubtful cases and for "A.P." cases X-Ray examinations become more and more frequent. The excellent results obtained by the Radiographers at the Royal Bucks Hospital and Wycombe War Memorial Hospital have been of the greatest assistance, and the co-operation of the Hospital Staffs is much appreciated by the Tuberculosis Officer. For cases in the north of the County the Northampton Borough Council have kindly consented to their Tuberculosis Officer making any necessary X-Ray examination, and his help has been very valuable, as has that of the Radiologist at the Chalfont Hospital.

Examinations of specimens of sputum, etc., are made free of charge for practitioners in the County. During the year 529 specimens were examined, in 109 of which tubercle bacilli were found, the other 420 giving a negative result.

As in recent years the majority of cases of tubercle of bones and joints have been sent direct to the Orthopaedic Clinics. It is hoped that such cases will get fewer in proportion to the elimination of bovine sources of infection.

Without the goodwill and help of medical practitioners throughout the County it would be impossible to get into touch with the cases of tuberculosis, and the Tuberculosis Officer would once more acknowledge with thanks their co-operation.

#### NEW CASES AND MORTALITY, 1941.

Age Periods.	NEW CASES.				DEATHS.			
	Pulmonary.		Non-Pulmonary.		Pulmonary.		Non-Pulmonary.	
	M.	F.	M.	F.	M.	F.	M.	F.
0—1 .....	...	...	1	...	...	...	8	5
1—5 .....	...	...	6	5	1	2	3	3
5—10 .....	1	...	7	2	48	47	5	7
10—15 .....	2	2	6	3				
15—20 .....	8	10	4	3	29	19	3	1
20—25 .....	6	17	1	5				
25—35 .....	18	26	5	1	5	4	...	2
35—45 .....	17	5	2	2				
45—55 .....	12	6	...	...	5	4	...	2
55—65 .....	10	3	...	1				
65 and upwards ...	2	4	...	1				
<b>TOTALS .....</b>	<b>76</b>	<b>73</b>	<b>32</b>	<b>23</b>	<b>83</b>	<b>72</b>	<b>19</b>	<b>18</b>

## SECTION F.—TABLES, ETC.

## (a) LIST OF SANITARY AUTHORITIES.

<i>District.</i>	<i>Medical Officer of Health.</i>
URBAN DISTRICTS.	
Aylesbury, Borough of	J. T. C. SIMS ROBERTS, M.B., CH.B., D.P.H., Barrister at Law.
Beaconsfield .....	T. P. EVANS, M.R.C.S., L.R.C.P., D.P.H.
Bletchley .....	A. MICHAEL CRITCHLEY, M.D., CH.B., D.P.H.*
Buckingham, Borough of .....	A. MICHAEL CRITCHLEY, M.D., CH.B., D.P.H.*
Chesham .....	T. P. EVANS, M.R.C.S., L.R.C.P., D.P.H.
Eton .....	V. A. T. SPONG M.B., B.S., D.P.H.
Linslade .....	M. C. ROTHCOPE, M.B., B.S., M.R.C.S., L.R.C.P., F. H. P. WILLS, L.M.S.S.A.
Marlow .....	C. H. F. BAILEY, M.R.C.S., L.R.C.P.
Newport Pagnell .....	V. A. T. SPONG M.B., B.S., D.P.H.
Slough .....	D. W. A. BULL, M.D., M.R.C.S., L.R.C.P.
Stratford & Wolverton .....	
Wycombe, Borough of .	W. B. MOORE, M.B., CH.B., D.P.H.
RURAL DISTRICTS.	
Amersham .....	H. ENGLAND, M.R.C.S., L.R.C.P.
Aylesbury .....	J. T. C. SIMS ROBERTS, M.B., CH.B., D.P.H., Barrister at Law.
Buckingham .....	G. B. PEARSON, L.R.C.P., L.R.C.S.
Eton .....	V. A. T. SPONG M.B., B.S., D.P.H.
Newport Pagnell .....	C. H. F. BAILEY, M.R.C.S., L.R.C.P.
Wing .....	W. H. SQUARE, L.R.C.P., L.R.C.S.
Winslow .....	A. E. LEAPINGWELL, M.R.C.S., L.R.C.P.
Wycombe .....	F. H. P. WILLS, L.M.S.S.A.

\*Serving in H.M. Forces,

## (b) REGISTERED NURSING HOMES.

	NAME AND ADDRESS.	DESCRIPTION.
AMERSHAM ... ...	Tenterden, Chestnut Close.	Maternity or Medical.
AYLESBURY ... ...	" Rosser," 31, Tindal Road.	Surgical, Medical.
BEACONSFIELD ... ...	The Kinellan Nursing Home, Penn Road.	Aged, Infirm.
„ ... ...	St. Joseph's Home.	Maternity, Medical, Acute Surgical, Aged, Infirm.
BLETCHLEY ... ...	Red House Bungalow, High Street.	Maternity, Acute Surgical, Medical or Minor Surgical, Aged, Infirm.
CHALFONT ST. PETER ... ...	Roshana.	Maternity.
CHESHAM ... ... ...	The Cottage, Amy Lane.	Medical, Minor Surgical, Aged, Infirm.
DATCHET ... ... ...	Holmcroft,	Aged, Infirm.
„ ... ...	The Old Bridge House.	Maternity, Medical, Minor Surgical, Aged, Infirm.
DRAYTON HOLLOWAY	Drayton Holloway, nr. Tring.	Medical, Minor Surgical, Aged, Infirm.
FARNHAM COMMON	" Daneby," Green Lane.	1 Convalescent.
FULMER ... ... ...	Fulmer Chase and Fircroft, Stoke Common.	Medical, Minor Surgical, Aged, Infirm.
GERRARDS CROSS ...	Chalfonts Nursing Home.	Maternity.
„ ... ...	Sandygate, Fulmer Road.	(For wives of officers in Forces.)
„ ... ...	Lyncroft, Bulstrode Park.	Maternity, Acute Surgical, Medical or Minor Surgical, Aged, Infirm.
HIGH WYCOMBE ...	Tho Willows, 147, West Wycombe Road.	Maternity, Surgical.
„ ... ...	The High Wycombe District Nursing Service and Maternity Home.	Maternity.
„ ... ...	St. George's, 123, London Road.	Medical, Minor Surgical, Aged, Infirm.
„ ... ...	Sefton, 113, Totteridge Road.	Medical, Minor Surgical, Maternity, Acute Surgical, Aged Infirm.

## (b) REGISTERED NURSING HOMES (Continued).

	NAME AND ADDRESS.	DESCRIPTION.
LANGLEY ... ... ...	The Moat House.	Mental, Nerve.
LEE COMMON ... ...	Laurel Villa.	Medical, Aged, Infirm.
MARLOW ... ... ...	The Berkeley Nursing Home.	Maternity, Medical, Surgical, Aged, Infirm.
MURSLEY ... ... ...	Richmond Lodge.	Medical, Minor Surgical, Aged, Infirm, Convalescent, Maternity.
NEWPORT PAGNELL	Tykeford Abbey Nursing Home.	Mental, Maternity or Surgical.
„ ... ...	Tyringham Nursing Home.	Surgical, Medical, Aged, Infirm.
OLNEY ... ... ...	90, High Street.	1 Maternity.
PRESTWOOD ... ...	The White House.	Medical, Minor Surgical.
SLOUGH ... ... ...	Heathfield Nursing Home, Heathfield, Uxbridge Villas, Uxbridge Road.	Aged, Infirm.
„ ... ...	Parkside Nursing Home, Upland Court Road.	Maternity, Surgical, Aged, Infirm.
„ ... ...	The Nursing Home, Burlington Road.	Maternity.
STOKE POGES ... ...	Fulmer Grange.	Medical, Minor Surgical, Aged, Infirm.
WENDOVER ... ...	Red House.	Maternity, Medical or Minor Surgical, Aged, Infirm.

## (c) INFANT WELFARE CENTRES.

NAME OF CENTRE.	SITUATE.	BY WHOM PROVIDED.
AMERSHAM .....	St. Michael's Hall	Voluntary Committee
CHESHAM BOIS .....	British Legion Hall	Voluntary Committee
AYLESBURY .....	The Clinic, Pebble Lane	County Council
BEACONSFIELD .....	The Old Rectory	Voluntary Committee
BLEDLOW AND DISTRICT .....	Tho Memorial Hall	County Council
BLETCHLEY .....	School Clinic	Voluntary Committee
BOURNE END .....	Red Lion Hotel	Voluntary Committee
BRADWELL .....	Methodist Church School Room	County Council
BRILL .....	Working Men's Institute	Voluntary Committee
BUCKINGHAM .....	Tho Oddfellows' Hall	Voluntary Committee
BURNHAM .....	Lent Rise Hall	Voluntary Committee
CHALFONT ST. GILES .....	Memorial Hall	Voluntary Committee
CHALFONT ST. PETER .....	Hospital Hut	Voluntary Committee
CHARTRIDGE AND THE LEE	Reading Room, Chartridge	Voluntary Committee
CHENIES .....	23, Brushwood Drive, Chorley Wood	Voluntary Committee
CHESHAM .....	The Clinic, Germain St.	Voluntary Committee
CIPPENHAM .....	Central Hall	Voluntary Committee
DATCHET .....	Working Men's Club	Voluntary Committee
DOWNLEY .....	Memorial Hall	Voluntary Committee
ELLESBOROUGH .....	Village Hall	Voluntary Committee
ETON .....	College Arms, High St.	Voluntary Committee
ETON WICK .....	Chapel Hall	Voluntary Committee
FARNHAM ROYAL .....	The Village Hall,	Voluntary Committee
ST. MICHAEL'S, FARNHAM ROYAL .....	Slough Social Centre	Voluntary Committee
FLACKWELL HEATH .....	Temperance Hall	Voluntary Committee
FRIETH .....	Village Institute	Voluntary Committee
GERRARDS CROSS .....	Girl Guide Hall	Voluntary Committee
LANGLEY .....	Men's Club Room	Voluntary Committee
GREAT HAMPDEN .....	Parish Room	County Council
GREAT MISSENDEN .....	The Church Room	Voluntary Committee
HORTON .....	Champneys Hall	Voluntary Committee
HOLMER GREEN .....	Baptist School Room	Voluntary Committee
IVER .....	Tho Village Hall	County Council
IVINGHOE & DISTRICT ....	Tho Town Hall	Voluntary Committee
KIMBLE .....	Mrs. Lavington's, Askett	Voluntary Committee
LACEY GREEN .....	Memorial Hall	County Council
LANE END .....	Memorial Hall	Voluntary Committee
LAVENDON .....	Tho George Club Room	Voluntary Committee

## (c) INFANT WELFARE CENTRES (Continued).

NAME OF CENTRE.	SITUATE.	BY WHOM PROVIDED.
LINSLADE .....	Forster Institute	Voluntary Committee
LONG CRENDON .....	The Old Court House	Voluntary Committee
LOUDWATER .....	Village Hall	Voluntary Committee
MARLOW .....	Public Library	Voluntary Committee
NAPHILL .....	Memorial Hall	Voluntary Committee
NEWPORT PAGNELL .....	73, High Street	County Council
OLNEY .....	Church Hall	Voluntary Committee
PRESTWOOD & GREAT KINGSHILL .....	Memorial Hall, Prestw'd	Voluntary Committee
PRINCES RISBOROUGH .....	Baptist Church Room	Voluntary Committee
QUAINTON .....	Memorial Hall	Voluntary Committee
RICHINGS PARK .....	Church Room	Voluntary Committee
SEER GREEN & JORDANS	Baptist School Room	Voluntary Committee
SLOUGH .....	Health Centre	Voluntary Committee
STOKENCHURCH .....	Welfare Hut	Voluntary Committee
STOKE POGES .....	The Village Hall	Voluntary Committee
STONY STRATFORD .....	Church Hall	Voluntary Committee
TYLERS GREEN .....	Village Hall	Voluntary Committee
WADDESDON .....	Reading Room	Voluntary Committee
WENDOVER .....	British Legion Hall	Voluntary Committee
WINCHMORE HILL .....	Memorial Hall	Voluntary Committee
WING .....	Rothschild Hall	Voluntary Committee
WINSLOW .....	Church Hall	County Council
WOBURN SANDS .....	The Friends Meeting House	Voluntary Committee
WOLVERTON .....	Infant School	Voluntary Committee
WOOBURN GREEN .....	Chapel Room, The Green	Voluntary Committee
WRAYSBURY .....	Scout Hut	Voluntary Committee

(d) BIRTH AND DEATH RATES AND INFANT MORTALITY RATE, 1940 and 1941.

	Birth rate per 1000.		Death rate per 1000.		Infant Mortality rate per 1000 births		Phthisis death rate per 1000.		Maternal Mortality per 1000 live and stillbirths	
	1940.	1941.	1940.	* 1941.	1940.	1941.	1940.	1941.	1940.	1941.
Aylesbury .....	13.7	13.2	10.5 (11.0)	10.3	47.1	40.7	0.5	0.7		
Beaconsfield .....	8.4	10.9	7.7 (7.0)	7.7	65.5	41.6	Nil.	0.25		
Bletchley .....	11.7	13.9	12.6 (13.1)	9.5	40.6	41.1	0.1	0.4		
Buckingham .....	11.7	12.8	10.7 (9.5)	8.9	20.4	Nil.	0.2	0.2		
Chesham .....	11.4	10.6	10.2 (9.4)	9.8	29.1	31.8	0.2	0.7		
Eton .....	7.9	9.7	7.4 (8.9)	9.7	111.1	44.4	Nil.	0.45		
Linslade .....	10.5	9.4	15.3 (13.7)	11.1	58.8	29.4	0.3	Nil.		
Marlow .....	11.8	14.1	15.3 (14.9)	13.6	35.7	35.1	0.5	1.07		
Newport Pagnell .....	10.9	10.9	15.3 (11.9)	12.8	14.6	Nil.	0.7	0.4		
Slough .....	18.6	15.8	9.8 (12.4)	8.8	47.0	47.9	0.5	0.6		
Wolverton .....	11.5	9.6	14.9 (12.0)	13.1	41.4	36.1	0.3	0.3		
Wycombe .....	12.3	9.7	11.2 (12.5)	8.6	50.6	31.6	0.3	0.5		
Total Urban .....	14.0	12.5	11.1 (11.8)	9.6	48.5	38.9	0.3	0.5		
Amersham .....	11.7	10.7	10.1 (9.3)	9.9	58.6	35.6	0.2	0.3		
Aylesbury .....	13.2	11.8	12.7 (10.9)	13.1	27.8	56.5	0.1	0.3		
Buckingham .....	13.1	12.2	12.7 (11.3)	11.1	51.2	31.5	0.4	0.6		
Eton .....	13.8	13.08	12.1 (11.8)	10.7	58.3	42.9	0.3	0.3		
Newport Pagnell .....	10.9	10.8	16.7 (13.5)	12.2	52.6	50.05	0.4	0.4		
Wing .....	10.8	10.6	12.3 (10.6)	13.8	Nil.	55.04	0.1	0.3		
Winslow .....	11.6	9.6	13.0 (10.1)	12.3	54.9	51.02	Nil.	0.4		
Wycombe .....	11.4	11.3	11.5 (10.8)	9.3	23.7	36.5	0.3	0.4		
Total Rural .....	12.4	11.5 <sup>e</sup>	12.1 (10.9)	10.9	43.7	42.9	0.2	0.4	2.7	5.02
County .....	13.2	12.04	11.5	16.3	48.5	45.0	0.3	0.4	2.7	4.1
England and Wales...	14.6	14.2	14.3	12.9	55.0	59.0			2.16	2.23

\*Death rates corrected for age and sex distribution.

(e) COMPARATIVE TABLE OF BIRTH, DEATH AND INFANT MORTALITY RATES FOR THE  
TEN YEAR PERIOD, 1932-41.

YEAR.	BIRTH RATE per 1,000 population.				DEATH RATE per 1,000 population.				INFANT MORTALITY RATE per 1,000 births.			
	Urban.	Rural.	County.	England and Wales.	Urban.	Rural.	County.	England and Wales.	Urban.	Rural.	County.	England and Wales.
1932 .....	14.8	13.8	14.3	15.3	11.1	11.1	11.1	12.0	49	54	52	65
1933 .....	13.7	13.3	13.5	14.4	10.7	11.7	11.2	12.3	43	46	45	64
1934 .....	15.4	13.8	14.4	14.8	10.0*	10.1*	11.0	11.8	43	44	44	59
1935 .....	15.4	14.1	14.7	14.7	9.5*	9.6*	10.5	11.7	33	37	35	57
1936 .....	15.6	13.6	14.6	14.8	10.0*	10.3*	11.1	12.1	42.5	47.7	44.9	59
1937 .....	15.5	14.1	14.8	14.9	10.4*	10.3*	11.3	12.4	38.7	42.2	40.4	58.0
1938 .....	15.9	13.5	14.7	15.1	9.5*	10.4*	10.0	11.6	34.6	29.5	32.2	53.0
1939 .....	16.1	14.4	15.3	15.0	9.9*	9.3*	10.5	12.1	39.0	38.5	38.7	50.0
1940 .....	14.0	12.4	13.2	14.6	11.8*	10.9*	11.5	14.3	48.5	43.7	48.5	55.0
1941 .....	12.5	11.5	12.04	14.2	9.6	10.9	10.3	12.9	38.9	42.9	45.0	59.0

\*Corrected for age and sex distribution.

**(f) NOTIFICATIONS OF INFECTIOUS DISEASES IN URBAN AND RURAL DISTRICTS, 1941.**

DISTRICTS.	Tuber-culosis.		Ophthalmia Neonatorum.	Puerperal Pyrexia.	Cerebro Spinal Fever.	Poliomyelitis.	Encephalitis Lethargica.	Pneumonia.	Malaria.	Dysentery.	Smallpox.	Enteric Fever.	Diphtheria.	Scarlet Fever.	
	Pulmonary.	Other Forms.													
<b>URBAN.</b>															
Aylesbury .....	9	5											2	10	75
Beaconsfield .....	1	...											3	4	12
Bletchley .....	...	...											2	8	8
Buckingham .....	...	...											1	3	6
Chesham .....	8	3											1	1	33
Eton .....	2	...											1	1	2
Linslade .....	1	1											5	8	7
Marlow .....	4	3											1	23	15
Newport Pagnell .....	...	3											2	2	1
Slough .....	42	7	1	1	11	10	27	1	29	32	2	...	...	40	83
Wolverton .....	9	1	...	...	...	1	...	...	...	11	...	...	1	4	17
Wycombe .....	13	15	2	11	10	...	...	11	...	...	3	...	1	21	116
<b>Total Urban .....</b>	<b>89</b>	<b>38</b>	<b>3</b>	<b>36</b>	<b>33</b>	<b>34</b>	<b>2</b>	<b>121</b>	<b>...</b>	<b>...</b>	<b>3</b>	<b>...</b>	<b>13</b>	<b>125</b>	<b>375</b>
<b>RURAL.</b>															
Amersham .....	17	6	2	12	9	...		20	1	...	...	16	3	46	
Aylesbury .....	9	9	...	4	2	3	...	18	...	1	...	...	3	3	48
Buckingham .....	1	1	1	1	1	1	...	15	...	...	...	...	...	...	13
Eton .....	22	5	...	9	5	16	...	14	...	...	...	...	7	7	49
Newport Pagnell .....	11	3	...	12	...	1	...	10	...	...	...	1	8	10	
Wing .....	4	...	...	2	...	...	...	7	...	...	...	1	4	18	
Winslow .....	...	...	1	1	...	...	...	...	...	...	...	...	9	9	18
Wycombe .....	7	5	...	3	8	3	...	24	...	...	2	...	35	85	
<b>Total, Rural ...</b>	<b>71</b>	<b>29</b>	<b>3</b>	<b>44</b>	<b>24</b>	<b>24</b>	<b>...</b>	<b>108</b>	<b>1</b>	<b>1</b>	<b>...</b>	<b>20</b>	<b>88</b>	<b>287</b>	
<b>County .....</b>	<b>160</b>	<b>67</b>	<b>6</b>	<b>80</b>	<b>57</b>	<b>58</b>	<b>2</b>	<b>229</b>	<b>1</b>	<b>4</b>	<b>...</b>	<b>33</b>	<b>213</b>	<b>662</b>	

CAUSES OF DEATH.	AGGREGATE OF URBAN DISTRICTS.						AGGREGATE OF RURAL DISTRICTS.								
	Sex.	All Ages.	0-1	1-	5-	15-	45-	65-	All Ages.	0-1	1-	5-	15-	45-	65-
ALL CAUSES.	M	1,009	71	31	25	111	271	500	1,102	69	21	17	101	263	631
	F	977	40	28	14	122	174	599	1,104	41	21	9	97	235	701
1 Typhoid and Paratyphoid Fevers	M	...	...	...	...	...	...	...	...	...	1	1	...	...	...
2 Cerebro-Spinal Fever	...	M	1	1	1	1	1	1	1	1	2	2	2	2	2
3 Scarlet Fever	...	M	...	...	...	...	...	...	...	...	...	...	...	...	...
4 Whooping Cough	...	M	13	1	2	2	1	1	5	2	3	3	3	3	3
5 Diphtheria	...	M	4	2	3	1	1	1	5	1	2	2	2	2	2
6 Tuberculosis of Resp. System	...	M	49	11	7	2	3	1	4	3	3	3	3	3	3
7 Other forms of Tuberculosis	...	M	47	11	7	2	3	1	19	4	34	34	34	34	34
8 Syphilitic Diseases	...	M	5	1	2	1	1	1	1	1	1	1	1	1	1
9 Influenza	...	M	13	1	1	1	1	1	2	2	5	5	5	5	5
10 Measles	...	M	16	1	1	1	1	1	1	1	13	13	13	13	13
11 Ac. Polio-Myel. and Polio-Enceph.	...	M	3	1	1	1	1	1	1	1	1	1	1	1	1
12 Ac. Inf. Enceph.	...	M	3	1	1	1	1	1	1	1	1	1	1	1	1
13 Cancer of Buc. Cav. and Gsoph. (M.)	...	M	18	...	...	...	...	8	10	20	...	...	1	5	14
14 Uterus (F.)	...	F	22	...	...	...	...	5	4	13	11	11	1	6	4
15 Cancer of Stomach and Duodenum	...	M	26	...	...	...	...	3	7	16	36	36	1	13	22
16 Cancer of all other sites	...	M	27	...	...	...	...	6	21	23	23	23	1	11	11
17 Diabetes	...	M	1	...	...	...	...	1	1	1	1	1	1	1	1
18 Intra-Cranial Vascular Lesions	...	M	33	...	...	...	...	4	13	16	37	37	37	37	37
19 Heart Disease	...	M	222	...	...	...	...	5	33	51	96	96	96	4	54
20 Other Diseases of Circ. System	...	M	24	...	...	1	1	5	18	48	107	107	107	3	38
21 Bronchitis	...	M	33	...	...	2	2	2	5	16	44	44	44	10	66
22 Pneumonia	...	M	59	2	1	1	1	1	17	52	108	108	108	6	200
23 Other Resp. Diseases	...	M	72	10	8	7	8	1	4	16	33	70	70	3	21
24 Ulcer of Stomach and Duodenum	...	M	48	7	8	1	1	4	10	11	63	6	63	3	36
25 Diarrhoea, under two years	...	M	18	1	1	1	2	4	6	17	17	28	28	1	5
26 Appendicitis	...	M	14	...	...	1	1	4	6	10	17	23	23	1	4
27 Other Digive. Diseases	...	M	19	...	...	1	1	2	1	7	5	5	5	1	3
28 Nephritis	...	M	7	7	7	1	1	1	1	1	2	2	2	1	2
29 Puerp. and Post-Abort. Sepsis	...	M	2	1	1	1	1	2	2	1	4	4	4	1	1
30 Other Maternal causes	...	M	30	2	2	1	1	5	11	9	26	26	26	3	18
31 Prem. Birth	...	M	28	...	1	1	1	4	8	15	28	28	28	1	15
32 Con. Mal. Birth Inj.	...	M	27	...	...	1	1	2	10	17	33	33	33	1	18
33 Infant Dis.	...	M	1	1	1	1	1	1	1	1	14	14	14	1	1
34 Suicide	...	M	19	19	9	9	9	1	1	2	8	8	8	2	3
35 Other violent causes	...	M	16	3	2	2	2	1	1	10	5	4	4	1	2
36 All other causes	...	M	108	5	2	5	5	12	19	65	116	4	4	1	8
	F	88	1	1	1	1	1	16	9	61	113	4	2	2	15

(h) RETURN—DIPHTHERIA IMMUNISATION FOR THE YEAR 1941.



